

Abstract

Project Title: T-shirt folding device

Project ID: 682

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A brief explanation of your project. Enables judges to receive a base understanding of your project and work.

Everybody has to fold t-shirts, like clothing stores and parents. But the thing is, it takes too long and folding by hand can be sloppy. So I came up with a project what can fix all of that – a t-shirt folding device!

I wanted to solve the problem that it takes a lot of time to fold t-shirts, and often they are not folded as neat as possible when folded by hand. Also it would be more fun to use the device than just folding t-shirts with your bare hands.

My engineering design criteria was to make a t-shirt folding device that would be easy to use and that would fold t-shirts quickly, crisply, and neatly.

First I made a prototype at school just by using cardboard and tape. After I made the prototype, we realized the design was too complicated, so we simplified it into a more simple design.

My final design was successful because it folds t-shirts properly and perfect. Even though my final design was successful, we could make some further improvements to my design. I could continue exploring this topic by make other designs to fold other kinds of clothing.

Items to Include:

- **Introduction:** Why did you do this project and why is it important? How will this effect people and why is it needed. Inspire the reader to continue learning more about your research and read your report.
- **Problem Statement and Engineering Goal / Hypothesis:** What is the problem you were solving and what was your engineering goal or hypothesis.
- **Procedures:** How did you solve the problem and or test your hypothesis. Don't go into details, provide a broad, conceptual view of what you did. For engineering, what was your design criteria.
- **Results:** What was the outcome? Use your data and numbers to describe your result.
- **Conclusion:** Was your hypothesis supported or the engineering goal met?